CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM BROMIDE AR

CAS No	**: 12124-97-9**	**Product code**	**: 21450**
Mol. Formula	**: NH_4Br**	**Batch No**	**: MCAR-01942**
Mol. WT	**: 97.94**	**Mfd.**	**: Aug. 2025**
Date of analysis	**: 08/08/25**	**Exp.**	**: July 2030**

S.R	Test	Specification	Observation
1	**Description**	White crystals or crystalline powder.	White crystalline powder
2	**Assay (after drying)**	99.5% w/w min	99.89% w/w
3	**pH (5% aq.soln)**	4.5 – 6.0	4.94
4	**Insoluble matter**	0.003% max	0.002%
5	**Loss on drying(at 100°C)**	0.1 % max	0.08%
6	**Non-volatile matter**	0.01 % max	0.008%
7	**Bromate (BrO_3)**	0.002% max	< 0.002%
8	**Chloride (Cl)**	0.2% max	< 0.2%
9	**Iodide (I)**	0.005 % max	<0.005 %
10	**Sulphate (SO_4)**	0.005 % max	<0.005 %
11	**Iron (Fe)**	0.0005 % max	<0.0005 %
12	**Heavy metals (Pb)**	0.0005 % max	<0.0005 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Sayli)

MOLYCHEM Badlapur

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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